

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03052026-1	
Date: 2/17/2026		Inspected By: T Upshall / M Button		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		TCH-107 - FOXTRAP ACCESS ROAD OVERPASS EAST - R1			
SUBSTRUCTURE					
Condition:	P3 - Poor	Bearings:	P3 - Poor		
		Bearing Seat:	P3 - Poor		
Comments:	- Assumed condition of buried concrete footings. - West abutment face has isolated areas of moderate rust staining, F1. Southwest exterior abutment corner has a large area of disintegration with delaminations, P3. - East abutment has severe rust staining with narrow to medium vertical cracks covering the majority of the face, F1 to P3. Interior creep blocks spalled on their top corners. - All wingwalls generally in fair condition with hairline to narrow pattern cracks, F1. Wingwall to curb construction joint cracked/opening. No visible efflorescence or water leaching through crack. - Numerous elastomeric bearings on both abutments are not in full contact with the girders/bearing seat. Poor initial installation. F1 to P3.				
SUPERSTRUCTURE					
Condition:	P3 - Poor	Expansion Joints:	P - Poor		
Comments:	- Exterior/cantilever deck soffit has widespread spalling exposing reinforcement with severe corrosion, P3 to P1. - Deck fascia/curb exterior has medium to wide cracks with moderate rush leachate along their length. Suspect areas of delamination. Area under and around expansion joint end dams has wide pattern cracks and disintegration with moderate efflorescence. This has also exposed the anchorage hardware for the structure rail posts, P3 to P1. - Deck soffit and girders in fair condition overall. Some interior girders have small spalls to reinforcement due to low cover. Exterior girders have longitudinal cracks along the exterior of the bottom flange. Some girders have delaminations with isolated rust stains on the underside of the bottom flange, P3. The northeast exterior girder's bottom flange has severe spalls with deep honeycombs exposing reinforcement with severe corrosion, P3. East interior girder bottom flange has a small spall exposing reinforcement with light to medium corrosion. Concrete surrounding spall covered with rust stains and suspect widespread delamination in the area. - All expansion joints leaking causing distress to elements below. Concrete end dams have wide cracks with progressive edge disintegration around the embedded deflector armoring. Seal armoring torn. P.				
DECK					
Condition:	P3 - Poor	Curbs:	P3 - Poor		
Hand Rail:	F1 - Fair	Roadway Condition:	P1 - Poor		
Approach Rail:	P1 - Poor				
Comments:	- Deck top assumed to need concrete repairs. This is evident from the failed deck top waterproofing and asphalt potholes in the wearing surface. - Structure rail is four rail aluminum system on posts. Minor dents and scrapes along rails. Top rail joiners missing near mid-span on both sides. Some rails missing end caps. F1 to P3. - Guiderail of type guiderail structures and is connected to end blocks. Many post & spacer block cores rotten with numerous splits throughout. Buried end damage on median side approach. Standard guiderail on approaches needs replacement. - End blocks have medium to wide pattern cracks, P3. - Curbs tops covered in snow and uninspectable. Curb exterior's has medium to wide cracks with moderate rush leachate along their length. Suspect areas of delamination. Area under and around expansion joint end dams has wide pattern cracks and disintegration with moderate efflorescence. This has also exposed the anchorage hardware for the structure rail posts, P3 to P1. - Asphalt surface has numerous potholes throughout. Bare concrete deck visible in potholes. Widespread waterproofing failure. P3 to P1.				
HYDROLOGY					

Water Velocity:	n/a m/s	Ice Problem:	NA - Not Applicable
Water Depth:	n/a m	Scour Problem:	NA - Not Applicable
Waterway:	03 - Not Applicable	Debris Problem:	NA - Not Applicable
Comments:	- Not applicable.		
REPLACEMENT/REHABILITATION			
Next Rehab. Date:		Replacement Year:	
Antic. Rehab. Cost:	\$	Replacement Cost:	\$
Recommendations:	- Replace median catch basin grating/covers. - Replace expansion joints. Consider converting to semi-integral. - Concrete deck repairs. - Waterproof and repave deck. - Replace concrete curbs and cantilever/exterior portion of the bridge deck. - Concrete repairs to abutments, & girder bottom flanges near abutments. - Consider jacking bridge and replacing bearings. Many girders have poor contact. - Replace guiderail structures and guiderail on approach. - Salvage structure rail and upgrade to structural steel system.		
OBSERVATIONS			
Overall Condition:	P3 - Poor	Requires Further Inspection:	No
Additional Observations:	- Bridge needs a major rehabilitation. - SAFETY HAZARD – GRATING/COVERS MISSING FROM MEDIAN CATCH BASINS.		

Department of Transportation and Infrastructure, Government of Newfoundland and Labrador 2026.